



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 15 86 23 82

Classification of the application (IPC):
E21B 43/22, C09K 8/36, B01F 17/00, C09K 8/035

Technical fields searched (IPC):
C09K, B01F

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2004171498 A1 (MILLER JEFFREY J [US]) 02 September 2004 (2004-09-02) * paragraph [0043]; claims 7,13-17; table 1; compound Soap C *	1-20
A	CN 103980869 A (CHINA PETROCHEMICAL CORP; DRILLING WELL ENGINEERING TECHNOLOGY COMPANY) 13 August 2014 (2014-08-13) * abstract * * paragraphs [0007], [0011] - [0020], [0023]; claim 1; tables 1,2 *	1-20
A	US 4108779 A (CARNEY LEROY L) 22 August 1978 (1978-08-22) * column 9, lines 12-30; claims 1-4; example 1 *	1-20

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 16 October 2018	Examiner Redecker, Michael
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
&: member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 16-10-2018
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